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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

BU-131XX

U.S. APPLICATION NO. (if known) see 37 CFR 1.5

10757

INTERNATIONAL APPLICATION NO.
PCT/US04/31177INTERNATIONAL FILING DATE
September 23, 2004PRIORITY DATE CLAIMED
September 23, 2003

TITLE OF INVENTION

THREE-DIMENSIONAL GELS THAT HAVE MICROSCALE FEATURES

APPLICANT(S) FOR DO/EO/US

Joe Tien; Min Tang; Andrew P. Golden

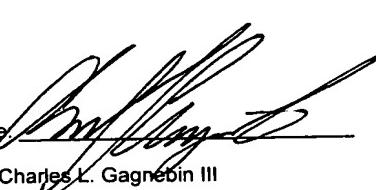
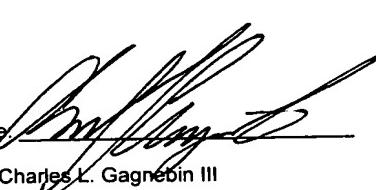
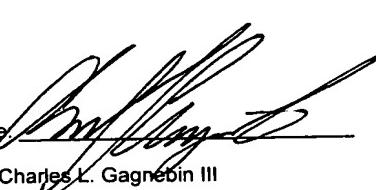
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. had been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached herewith (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>10 APR 2007</p> <p>The following fees have been submitted:</p> <table border="1"> <tr> <td colspan="2">21. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300.00</td> <td>CALCULATIONS</td> <td colspan="2">PTO USE ONLY</td> </tr> <tr> <td colspan="2">22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100.00</td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All other situations</td> <td>\$200.00</td> <td>\$ 200.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100.00</td> <td></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">International Search Report prepared and provided to the Office.....</td> <td>\$400.00</td> <td>\$ 100.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$500.00</td> <td>\$ 600.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="6">TOTAL OF 21, 22 and 23 =</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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